

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066323.D
 Acq On : 25 Mar 2021 10:33
 Operator : JC/MD
 Sample : VN0325WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBL01

Quant Time: Mar 26 04:38:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

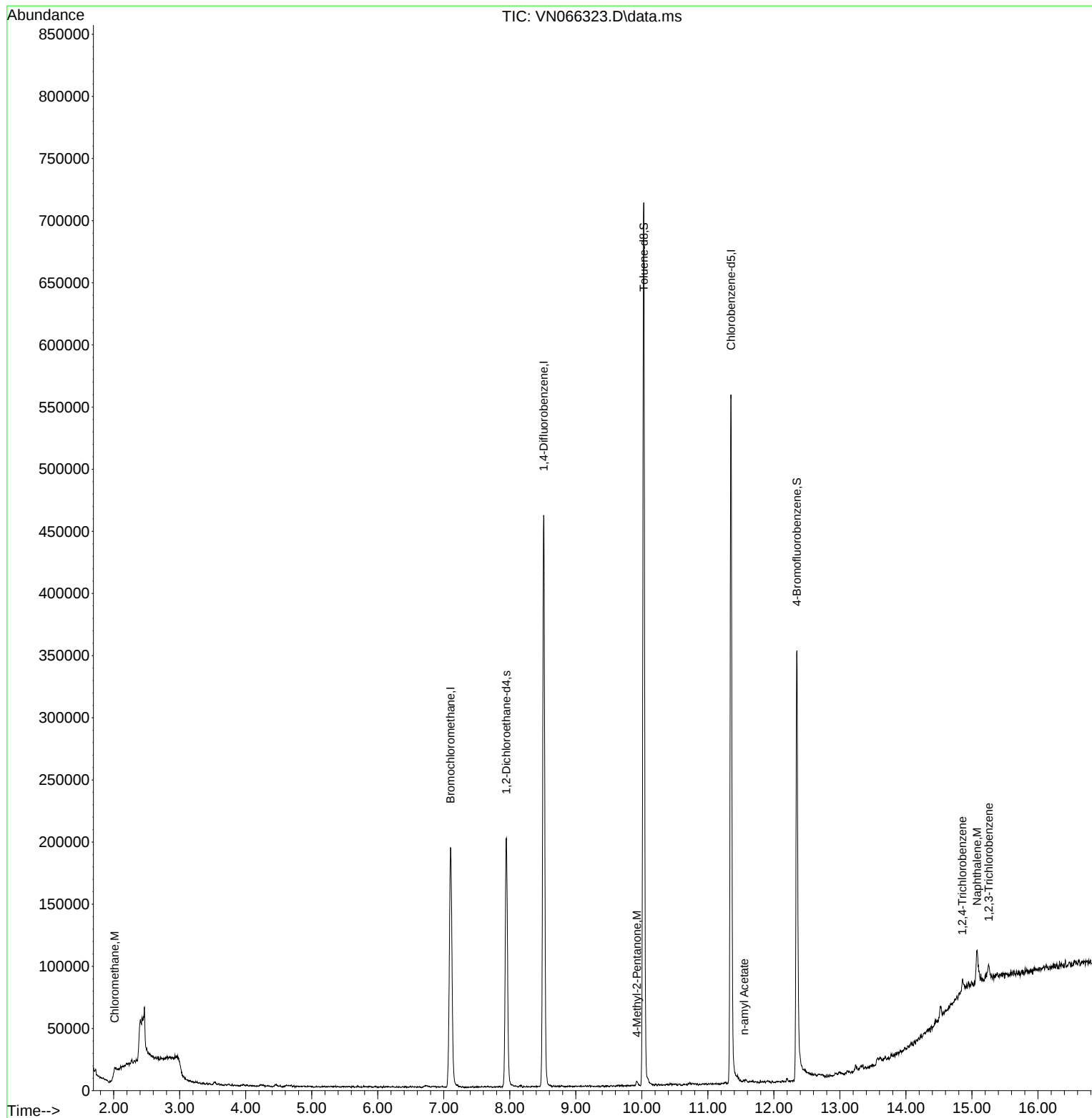
Internal Standards						
1) Bromochloromethane	7.102	128	76676	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.513	114	410865	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	324349	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.947	65	174619	29.63	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.77%
60) 4-Bromofluorobenzene	12.348	95	134559	26.58	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.60%
63) Toluene-d8	10.028	98	492662	32.36	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.87%
Target Compounds						
						Qvalue
3) Chloromethane	2.011	50	1570	0.29	ug/l	98
13) Acrolein	3.650	56	149	Below	Cal	90
47) n-amyl Acetate	11.549	43	221	6.16	ug/l	97
58) 4-Methyl-2-Pentanone	9.926	43	2691	0.41	ug/l #	79
89) 1,2,4-Trichlorobenzene	14.855	180	3628	0.76	ug/l #	78
91) Naphthalene	15.078	128	24611	1.70	ug/l	98
92) 1,2,3-Trichlorobenzene	15.255	180	5540	1.19	ug/l	76

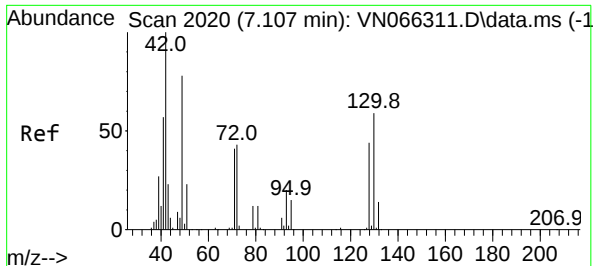
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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VN0325WBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 25 05:52:50 2021
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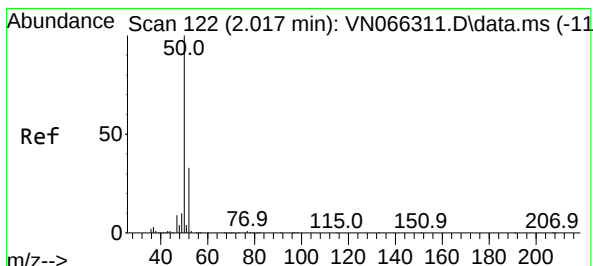
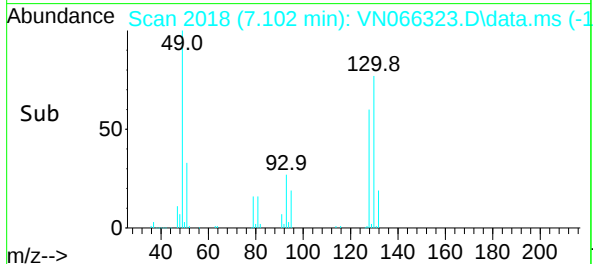
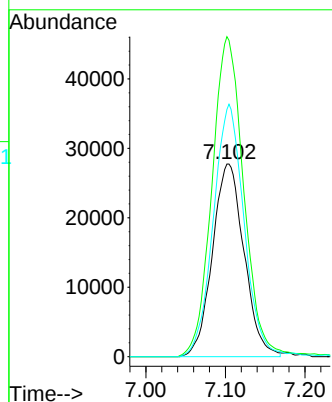
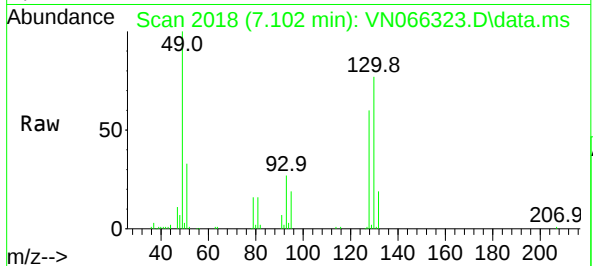




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.102 min Scan# 2018
Delta R.T. -0.005 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

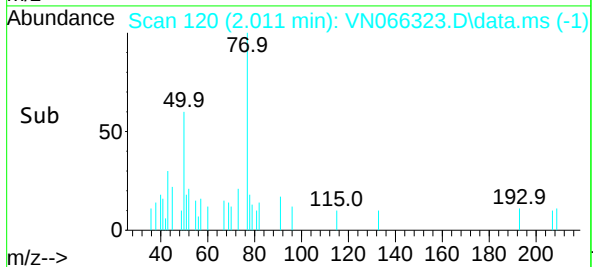
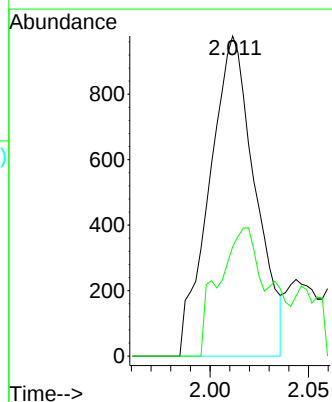
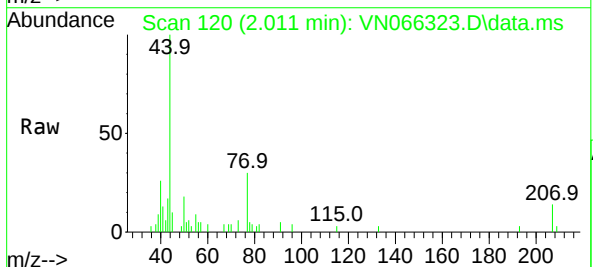
Instrument :
MSVOA_N
ClientSampled :
VN0325WBL01

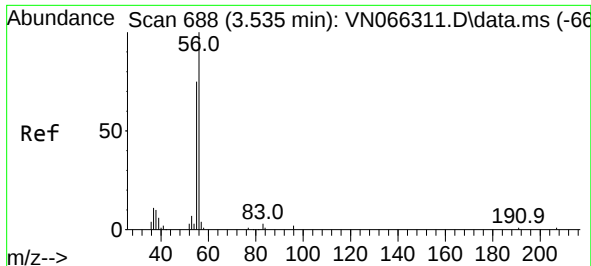
Tgt Ion:128 Resp: 76676
Ion Ratio Lower Upper
128 100
49 165.9 0.0 429.3
130 127.4 0.0 328.5



#3
Chloromethane
Concen: 0.29 ug/l
RT: 2.011 min Scan# 120
Delta R.T. -0.006 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

Tgt Ion: 50 Resp: 1570
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.4

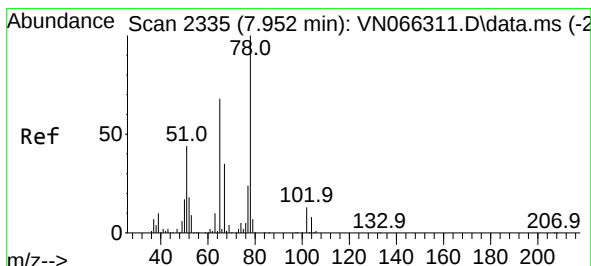
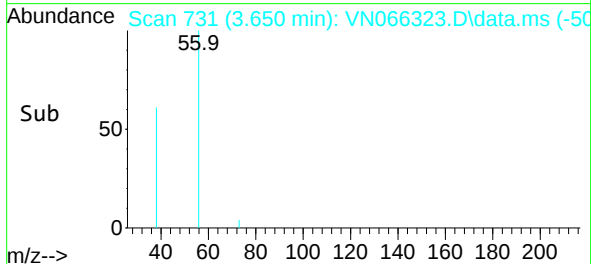
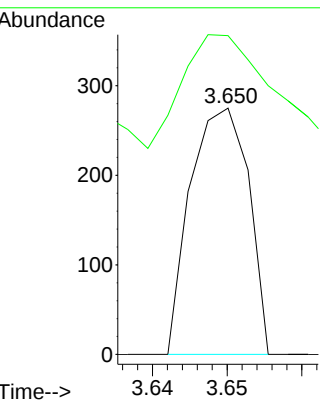
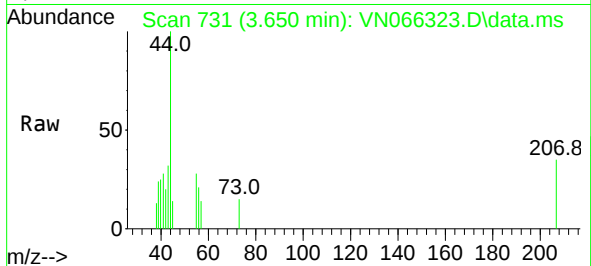




#13
Acrolein
Concen: Below Cal
RT: 3.650 min Scan# 731
Delta R.T. 0.115 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

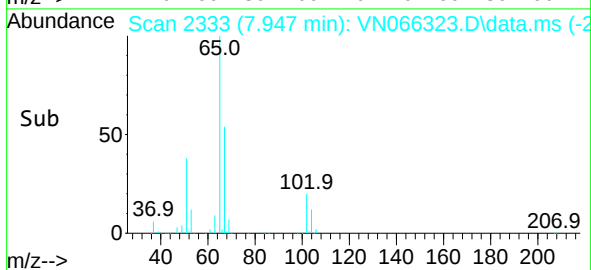
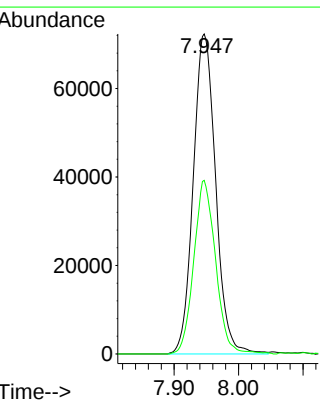
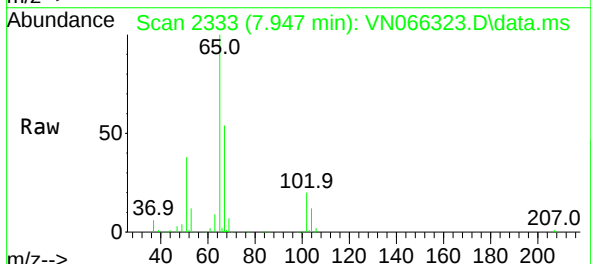
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

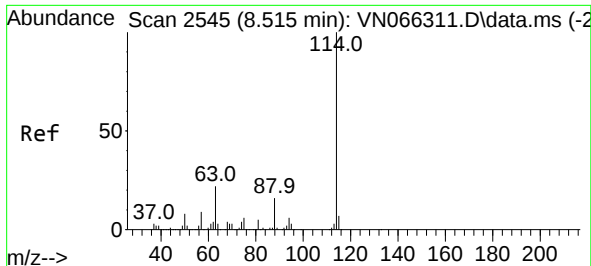
Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 75.8 54.1 81.1



#27
1,2-Dichloroethane-d4
Concen: 29.63 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.005 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

Tgt Ion: 65 Resp: 174619
Ion Ratio Lower Upper
65 100
67 52.8 42.2 63.4





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.513 min Scan# 2544

Delta R.T. -0.002 min

Lab File: VN066323.D

Acq: 25 Mar 2021 10:33

Tgt Ion:114 Resp: 410865

Ion Ratio Lower Upper

114 100

63 21.3 17.4 26.0

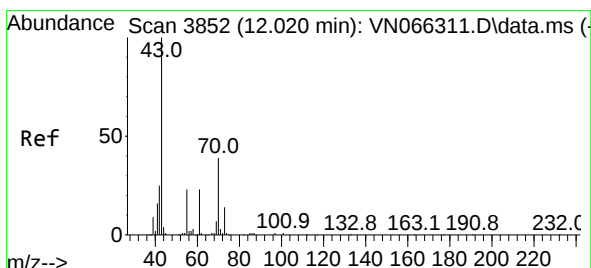
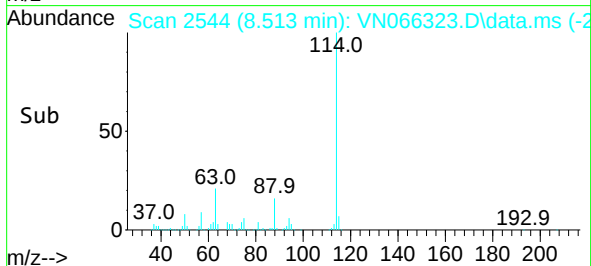
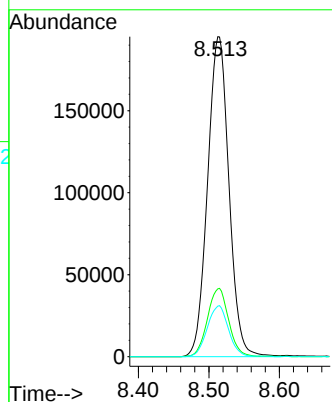
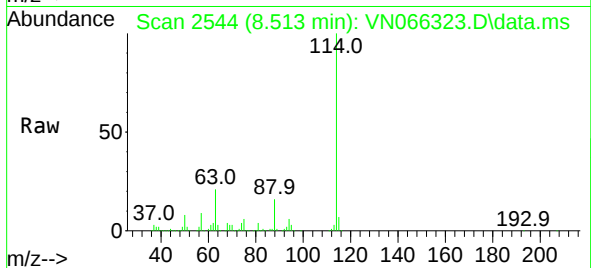
88 15.8 12.6 19.0

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBL01



#47

n-amy1 Acetate

Concen: 6.16 ug/l

RT: 11.549 min Scan# 3676

Delta R.T. -0.471 min

Lab File: VN066323.D

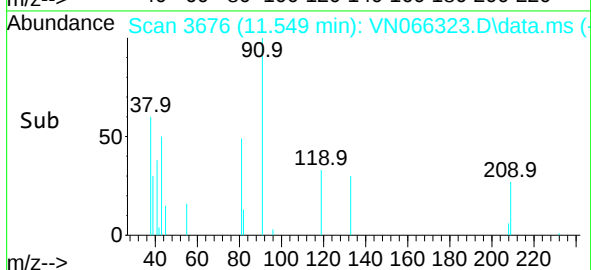
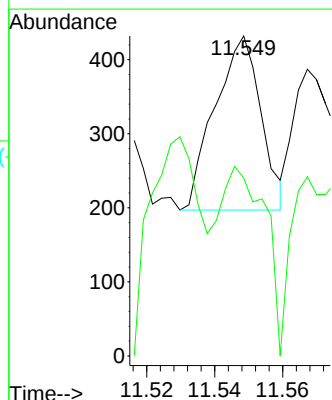
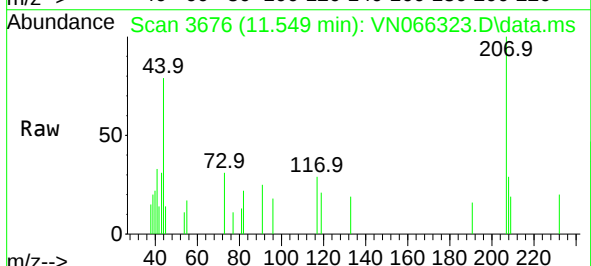
Acq: 25 Mar 2021 10:33

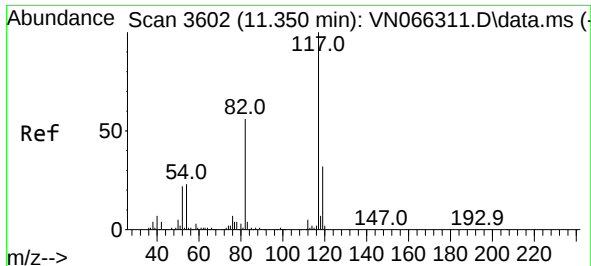
Tgt Ion: 43 Resp: 221

Ion Ratio Lower Upper

43 100

55 20.8 17.7 26.5

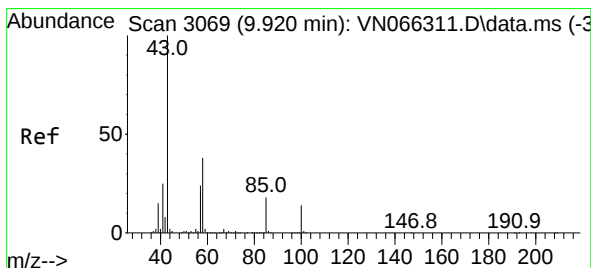
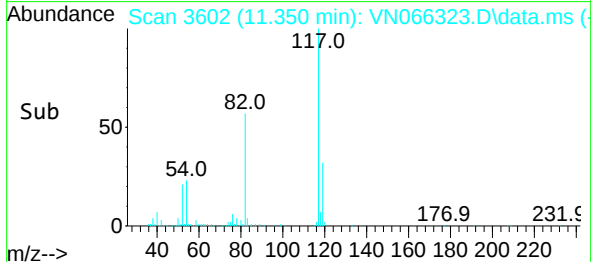
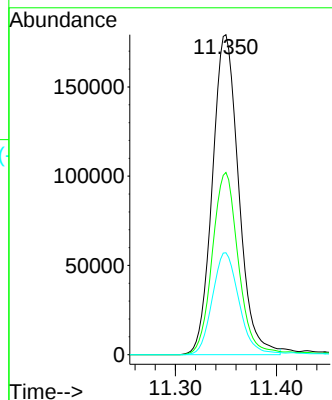
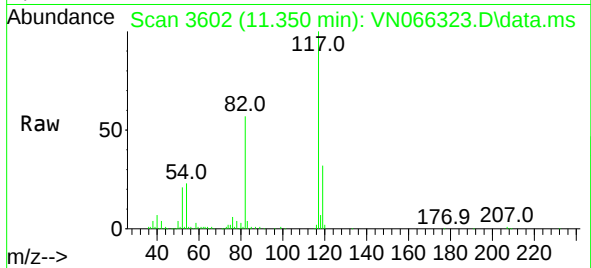




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

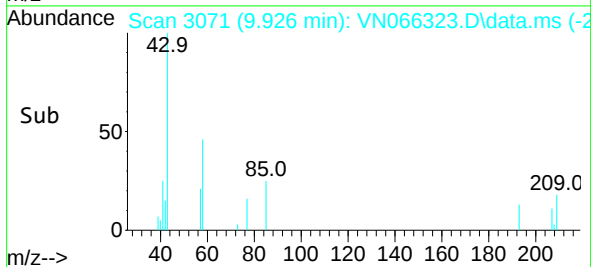
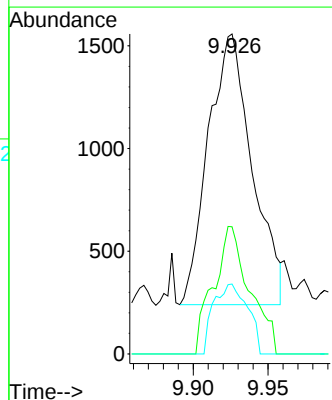
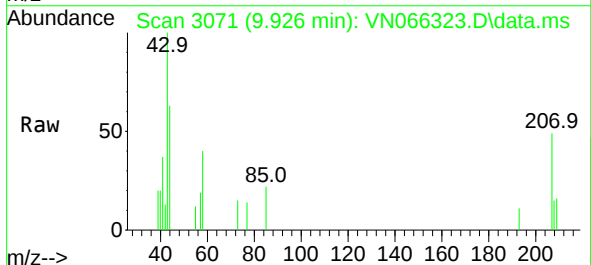
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

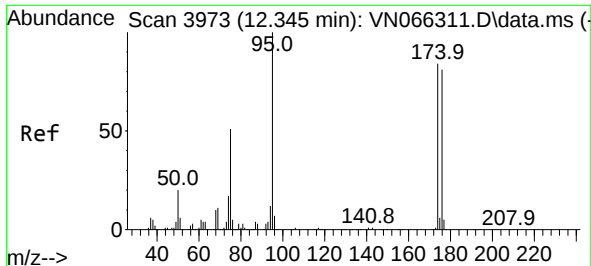
Tgt Ion:117 Resp: 324349
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.6
119 32.3 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.006 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

Tgt Ion: 43 Resp: 2691
Ion Ratio Lower Upper
43 100
58 21.4 30.4 45.6#
85 20.0 13.8 20.8

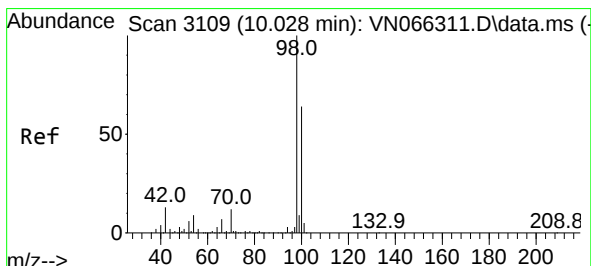
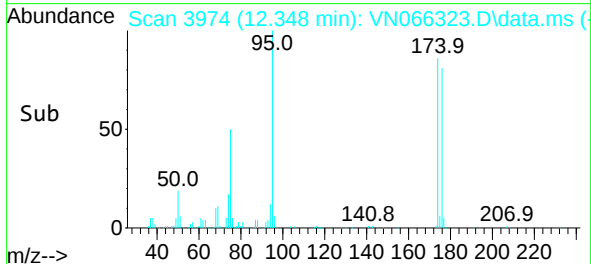
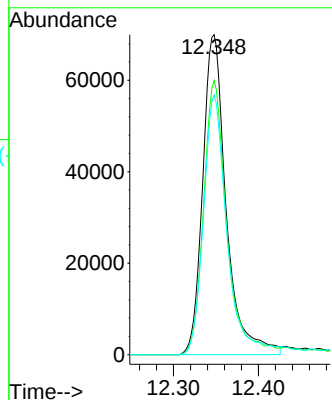
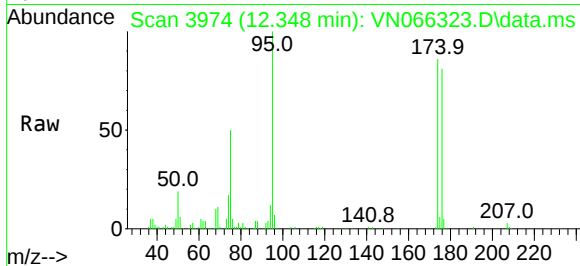




#60
4-Bromofluorobenzene
Concen: 26.58 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

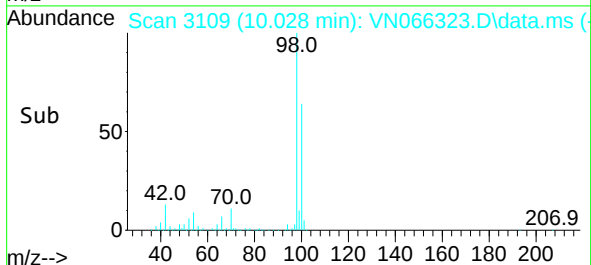
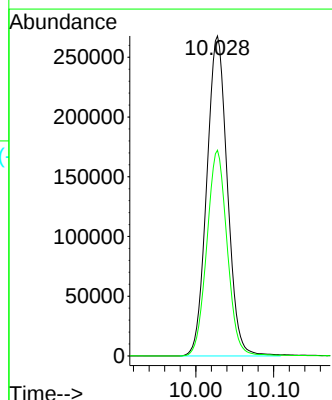
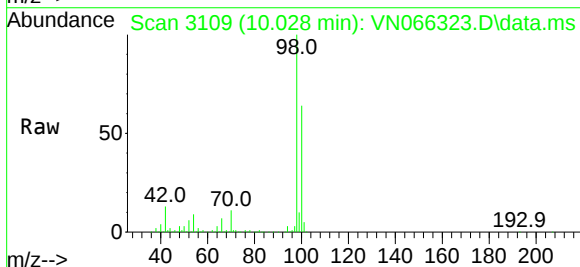
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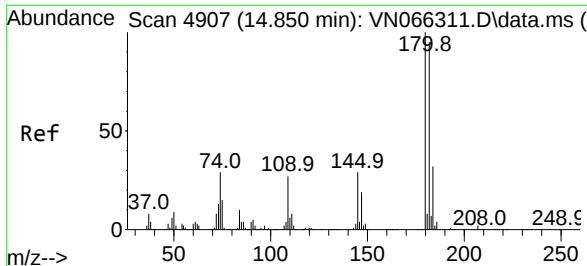
Tgt Ion: 95 Resp: 134559
Ion Ratio Lower Upper
95 100
174 83.5 68.1 102.1
176 82.2 65.4 98.0



#63
Toluene-d8
Concen: 32.36 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

Tgt Ion: 98 Resp: 492662
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7

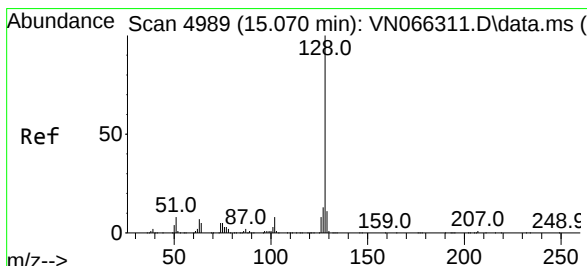
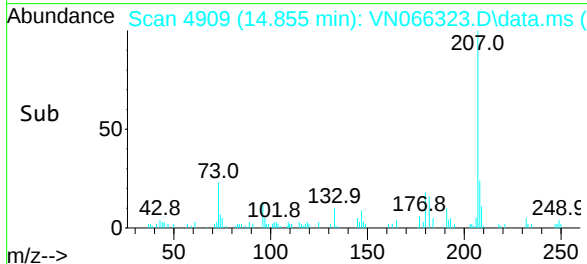
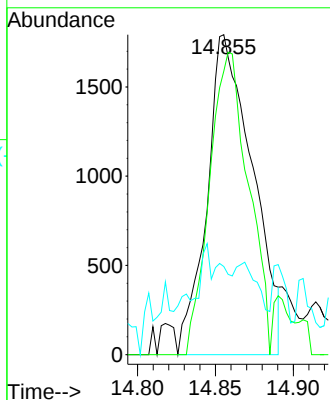
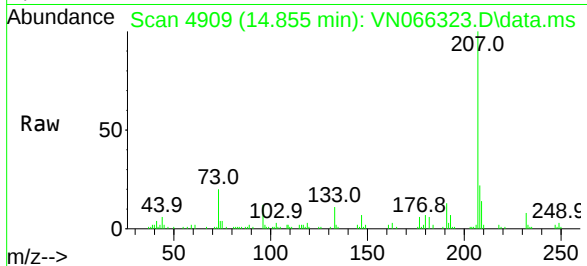




#89
1,2,4-Trichlorobenzene
Concen: 0.76 ug/l
RT: 14.855 min Scan# 4909
Delta R.T. 0.006 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

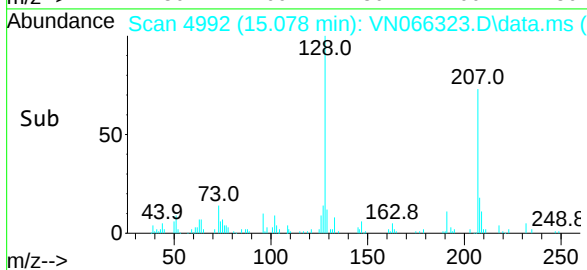
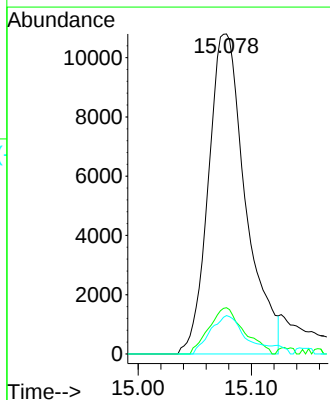
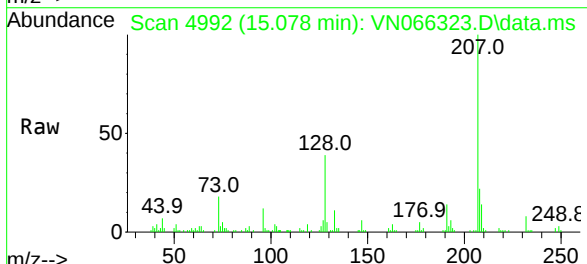
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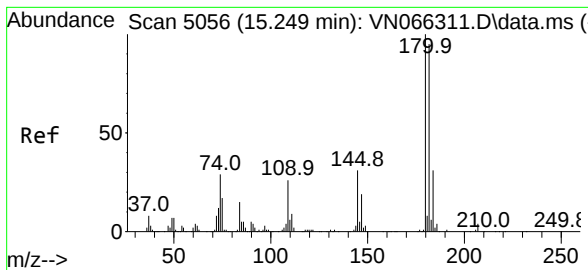
Tgt Ion:180 Resp: 3628
Ion Ratio Lower Upper
180 100
182 81.0 74.3 111.5
145 1.3 23.4 35.0#



#91
Naphthalene
Concen: 1.70 ug/l
RT: 15.078 min Scan# 4992
Delta R.T. 0.008 min
Lab File: VN066323.D
Acq: 25 Mar 2021 10:33

Tgt Ion:128 Resp: 24611
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.1 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 1.19 ug/l
 RT: 15.255 min Scan# 5058
 Delta R.T. 0.006 min
 Lab File: VN066323.D
 Acq: 25 Mar 2021 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBL01

Tgt Ion:180 Resp: 5540
 Ion Ratio Lower Upper
 180 100
 182 75.8 0.0 190.0
 145 9.3 0.0 60.8

